

Title (en)

VEHICLE WITH AN EXHAUST DEVICE STRUCTURE

Title (de)

FAHRZEUG MIT ABGASVORRICHTUNGSSTRUKTUR

Title (fr)

VÉHICULE AVEC UNE STRUCTURE DE DISPOSITIF D'ÉCHAPPEMENT

Publication

EP 3184766 A1 20170628 (EN)

Application

EP 16205713 A 20161221

Priority

- JP 2015252914 A 20151225
- JP 2015252916 A 20151225

Abstract (en)

Saddle riding type vehicle having an exhaust device structure, the vehicle includes: an engine (10) mounted between a front wheel (2) and a rear wheel (3); the exhaust device structure includes a front side exhaust device (70) and a rear side exhaust device (100) that muffle exhaust gas noise from the engine (10); the front side exhaust device (70) and the rear side exhaust device (100) including a front side exhaust pipe (71) and a rear side exhaust pipe (101) having upstream ends connected to exhaust ports of the engine (10) and a first muffler (72) and a second muffler (102) connected to downstream ends of the front side exhaust pipe (71) and the rear side exhaust pipe (101), the first muffler (72) and the second muffler (102) being disposed on a lower side of the vehicle, the first muffler (72) and the second muffler (102) being arranged so as to be separated from each other in a forward-rearward direction of the vehicle, and the first muffler (72) and the second muffler (102) being arranged so as to be separated from each other in a left-right direction with respect to a vehicle center (C).

IPC 8 full level

F01N 1/00 (2006.01); **F01N 1/08** (2006.01); **F01N 1/16** (2006.01); **F01N 13/02** (2010.01)

CPC (source: EP US)

B62M 7/02 (2013.01 - US); **F01N 1/003** (2013.01 - EP US); **F01N 1/089** (2013.01 - EP US); **F01N 1/163** (2013.01 - EP US); **F01N 3/10** (2013.01 - US); **F01N 13/008** (2013.01 - EP US); **F01N 13/02** (2013.01 - EP US); **F01N 13/10** (2013.01 - US); **F02B 61/02** (2013.01 - US); **F02B 75/22** (2013.01 - US); **F01N 2240/36** (2013.01 - EP US); **F01N 2340/04** (2013.01 - EP US); **F01N 2470/14** (2013.01 - EP US); **F01N 2490/02** (2013.01 - EP US); **F01N 2590/04** (2013.01 - EP US)

Citation (applicant)

- JP 2007118900 A 20070517 - HONDA MOTOR CO LTD
- JP H02271024 A 19901106 - HONDA MOTOR CO LTD

Citation (search report)

- [X] EP 1975382 A2 20081001 - HONDA MOTOR CO LTD [JP]
- [XI] CA 2794236 A1 20140430 - BOMBARDIER RECREATIONAL PROD [CA]
- [X] EP 1921286 A1 20080514 - YAMAHA MOTOR CO LTD [JP]
- [XI] EP 2784275 A1 20141001 - HONDA MOTOR CO LTD [JP]

Designated contracting state (EPC)

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